

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/IB2004/003617

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H03H3/007

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 52 878 A1 (SIEMENS AG) 18 May 2000 (2000-05-18) figures 5,6 column 4, lines 12,13,15,16,22,23,25,31-37,59-63 column 3, lines 61,62 ----- -/--	1-4,6-12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

10 February 2005

Date of mailing of the international search report

17/02/2005

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# INTERNATIONAL SEARCH REPORT

In 1st Application No  
PCT/IB2004/003617

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>POURKAMALI S ET AL: "SOI-based HF and VHF single-crystal silicon resonators with sub-100 nanometer vertical capacitive gaps"</p> <p>TRANSDUCERS, SOLID-STATE SENSORS, ACTUATORS AND MICROSYSTEMS, 12TH INTERNATIONAL CONFERENCE, IEEE, vol. 1, 9 June 2003 (2003-06-09), pages 837-840, XP010646838</p> <p>figure 1</p> <p>page 837, left-hand column, lines 5,6</p> <p>page 837, right-hand column, lines 9-13</p> <p>page 838, left-hand column, line 7 - page 838, right-hand column, line 19</p>	1-12
A	<p>SHAW K A ET AL: "Integrating SCREAM micromachined devices with integrated circuits"</p> <p>MICRO ELECTRO MECHANICAL SYSTEMS, 1996, MEMS '96, PROCEEDINGS. AN INVESTIGATION OF MICRO STRUCTURES, SENSORS, ACTUATORS, MACHINES AND SYSTEMS. IEEE, THE NINTH ANNUAL INTERNATIONAL WORKSHOP ON SAN DIEGO, CA, USA 11-15 FEB. 1996, NEW YORK, NY, USA, IEEE, 11 February 1996 (1996-02-11), pages 44-48, XP010159358</p> <p>ISBN: 0-7803-2985-6</p>	1-12
A	<p>KELLER C G ET AL: "Nickel-filled Hexsil Thermally Actuated Tweezers"</p> <p>SOLID-STATE SENSORS AND ACTUATORS, 1995 AND EUROSensors IX., vol. 2, 25 June 1995 (1995-06-25), pages 376-379, XP010305145</p> <p>abstract; figure 4</p>	1-12

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Form PCT/ISA/210 (patent family annex) (January 2004)